



**NOTICE OF VACANCY
June 24, 2016**

POSITION: Street Lights and Signals Electrician

DEPARTMENT: Highway and Sanitation

SALARY: PW-14 \$53,532 - \$67,673

HOURS: Monday – Friday 7:00am to 3:00pm

1. General Statement of Duties and Responsibilities:

- 1.1. Under the direction of the Director of Highway and Sanitation or his designee, performs skilled electrical work in the installation, repair, and maintenance of electrical systems and equipment; performs a variety of electrical duties including repairing street lights, traffic signals, and pedestrian crossing systems.
- 1.2. Performs a variety of tasks involved in the installation, maintenance, and repair of electrical systems of Public Works' and other municipal buildings and facilities.
- 1.3. Responsible to make sure that all safety practices and measures, including but not limited to, work zone safety, and confined space entry are adhered to and that personal protective clothing and equipment is utilized.
- 1.4. Coordinates work activities with other supervisors, departments, and contractors.
- 1.5. Delegates and assigns work orders to appropriate personnel in accordance with schedules of programs; estimates personnel requirements.
- 1.6. Due to the importance of emergency response during winter weather events, vacations are limited during this time.

2. Supervision Received:

- 2.1. Works under the general direction of the Director of Highway and Sanitation or their designee.

3. Supervision Exercised:

- 3.1. Supervises skilled and unskilled personnel performing a variety of tasks in connection with the installation, maintenance and repair of electrical utilities.

4. Duties and Responsibilities:

- 4.1. Perform a variety of tasks involved in maintaining, repairing, installing, and inspecting street lights and traffic signals including lamps and bulbs, signal and street light fixtures, controller cabinets and bases, fiber network, junction boxes and related wiring and circuitry.
- 4.2. Locate and mark out underground utilities including those for street light, traffic signals, and the fiber network.
- 4.3. Performs predictive, preventative, and corrective maintenance on equipment and structures.

- 4.4. Responds to knockdowns and/or malfunctions of street lights and traffic signals equipment.
- 4.5. Inspect intersection and pedestrian crossings for proper signal operations and operate specialized computer programs to make signal timing changes as directed.
- 4.6. Install or upgrade lighting and signal equipment; inspect and test equipment installed by contractors.
- 4.7. Oversees and works with contractors regarding electrical issues as necessary.
- 4.8. Operates an aerial bucket truck in the performance of electrical duties.
- 4.9. Performs daily vehicle condition inspections and reports as required by law or by Department policy.
- 4.10. Maintains work area(s) in a clean and orderly manner.
- 4.11. Performs general labor duties incidental to assigned duties.
- 4.12. Prepares work orders documenting daily tasks performed.
- 4.13. Performs required cross-departmental Public Works tasks such as snow plowing, snow removal, standby and emergency duties and other essential functions as may be required.
- 4.14. Required to work both scheduled and unscheduled overtime as assigned or necessary.
- 4.15. Other related duties as required.

5. Qualifications and Entrance Requirements:

5.1. WORKING KNOWLEDGE OF THE FOLLOWING:

- 5.1.1. Principles, practices, and techniques of construction, repair, operation, and maintenance of electrical, electronic, and communications systems.
- 5.1.2. Tools and equipment required for the diagnosis, installation, and repair of electrical, electronic, and communication systems.
- 5.1.3. Applicable rules, regulations and codes relative to duties.
- 5.1.4. Rules, regulations and applicable laws relative to job related safety.

5.2. THE ABILITY TO:

- 5.2.1. Manage multiple projects, successfully scoping projects from start to completion. Ensure projects are delivered on time and within recommended budget.
- 5.2.2. Read and interpret engineering blueprints, drawings, electrical schematics, and specifications.
- 5.2.3. Recognize conditions requiring maintenance and repair, perform these repairs as necessary.
- 5.2.4. Frequently lift, move, push, pull and/or carry up to 45 lbs.
- 5.2.5. Occasionally lift, move, push, pull, and/or carry up to 100 lbs.
- 5.2.6. Work under varying weather conditions.

5.3. ENTRANCE REQUIREMENTS

- 5.3.1. Graduation from a standard high school, vocational school course or GED.
- 5.3.2. Must possess a Massachusetts Class D license, Class B preferred.
- 5.3.3. Graduation from a recognized electrical apprenticeship program or school and additional 2 years journeyman level experience.
- 5.3.4. Must possess a Massachusetts Class B Journeyman Electrician License; a Class A Master License is preferred.
- 5.3.5. Good physical condition as evidenced by a physical examination.

6. Performance Evaluations:

- 6.1. Performance evaluations shall be performed annually by the Division Director or his/her designee. These evaluations shall be used to establish goals and objectives, measure progress and accountability, and to identify areas where an employee's performance may require improvement.

A good performance evaluation shall be the minimum requirement in order to achieve an annual step increase in wage.

The Town of Framingham is an Affirmative Action Equal Opportunity Employer.